

AMENDMENT TO THE SPECIFICATION:

Please make the following amendments to the specification:

For the paragraph on page 3, starting at line 3:

Based on the goals above, the present invention offers a halftone processing of images and text auto detection, which includes the following steps: choosing a background color from a master copy, separating the content of the master copy into images and text with the chosen background color as the criterion, processing the images with halftone processing, processing the text with linkline art processing, and outputting the processed images and processed text as a whole.

For the paragraph on page 4, starting at line 5:

... processing the text with linkline art processing, and outputting the processed images and processed text as a whole.

For the paragraphs on page 4 and 5, starting at line 11:

The foregoing and other objects, aspects and advantages will be better understood from the following detailed description of a preferred embodiment of the invention with reference to the drawings, in which:

- ~~Figure 1 shows a prior known flatbed scanner;~~
- ~~Figure 2 is a three-dimension scheme diagram of the present invention;~~
- ~~Figure 3 is a cross-section diagram of the present invention;~~
- ~~Figure 4 is an assembly diagram of the present invention;~~
- ~~Figure 5 shows the placement of the present invention.~~

Figure 1 is an illustration of the present invention;

Figure 2 shows the method and detailed steps of the automatically detecting image and text;

Figure 3 shows the images and text processed respectively;

Figure 4 is an embodiment of the condensing process to the master copy of the present invention; and

Figure 5 shows the equation and sampling mode of the dithering in the present invention.

For the paragraph on page 6, starting at line 21:

The sampling method of the dithering stated above is illustrated in the figure 5, the dithering equation is the adjacent pixels times one sixty-eighth ~~the~~ based on the sampling mode in the figure 5 (marked as 50).